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•		INFOR	MATION	REPORT	CD NO.	
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SUBJECT	Red Octobe	r Steelworks	and Rolling		NO. OF PAGES 2	
JODGEON	Stalingrad			9-	القد	
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	Stalingrad   plant had s	(48°MS/E/MA pur tracks t	25°E) 200 to o the main re	300 meters fr	ocated in the northern par on the Volga River bank. T and a network of spur track	ne
	within the	plant area i	tself. *			
2,	The plant of	xisted befor	e the war and	i vos seriousl	y damaged draing the war.	Recon-
	etimation "	sa sábated a	ร ควารโช ออ โร	3h3. Part of i	the plant resumed operation ding the most important pr	: 1n
	tion depart	ments, were	restored and	were in opera	stion in August 1969.	
		. 90 pe	rcent of the	entire plant	was reconstructed. Three o	r four
	small works	hop cullding chmert was a	s were still lso under co	under construction. Th	ection. The building for the full productive capacity	of the
_	_lant was s	cheduled to	be reached by	y 1950. The ${f r}\epsilon$	econstruction work did not	siter
	The number	and size of inetallation	the prewar L	ayout, but the	e capacity of the plant was lent equipment.	expand-
	<u> </u>	110 9 (200	. 01 .,00,41			
				•		
Maria C	The plant c	onsisted of	two open-hear	rth sieel depa	ertments, one steel foundry	one
5	illooming mi Sone rolling	ll, one bill mill for so	let mill, one mall sections	rolling mill (kleine Prof:	for large sections (grosse lle), one wire rolling mill	Frofile, one
5	illooming mi Sone rolling	ll, one bill mill for so	et mill, one mall sections shoet rolli	rolling mill (kleine Prof: ng mill, and s	for large sections (grosse ile), one wire rolling mill a department for calibrated	Frofile, one steels
	blooming mi one rolling plate rolli	ll, one bill mill for sm	let rill, one mall sections sheet rolli there was a large power.	rolling mill (kleine Prof: ng mill, and department located profession)	for large sections (grosse ile), one wire rolling mill a department for calibrated ent for <b>chromium</b> nickel sto I south of Stalingrad. Then	Frofile, one steels ocl sheet
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regularly by real from Germany. The steel production dropped considerably because of the shortage of scrap. All available iron and steel scrap in the plant error itself was boung collected and utilized, but this was not sufficient to meet requirements.

- 5. The estimates as to the number of employees varied from 10,000 to 20,000. Forty-percent of the workers fore women. Three 2-hour shifts were worked. Five hundred PWs were employed on construction work and 100 as auxiliary workers in the production departments.
- 7 The plant was surrounded by a board fence, 2 meters high, and was guarded by armed plant police.

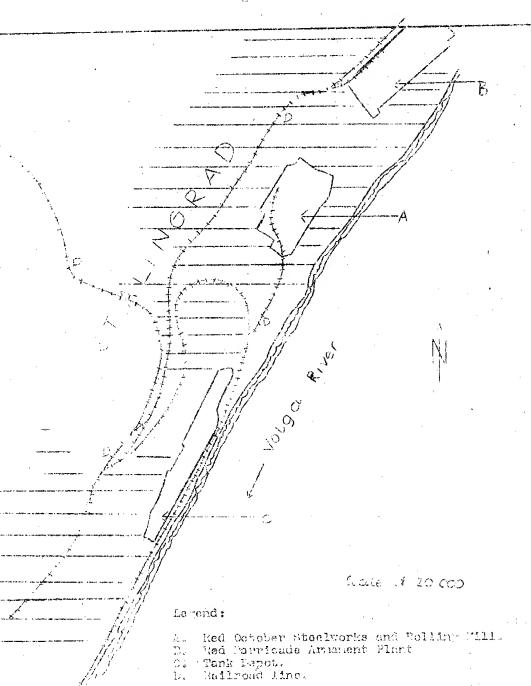
25X1 \*\* 25X1 25X1\*\* 25X1

Comment. For location sketch of the plant, see Annex 1. This s	
based on information supplied   nd on a town plan of Stalingra   Comment. For layout sketch of the plant, see Annex 2.	<u>d.</u> 25X

COMPUBLICATION

Attachment 1

Location Sketch of the Red October Steelworks and Rolling Will in Stalingrad

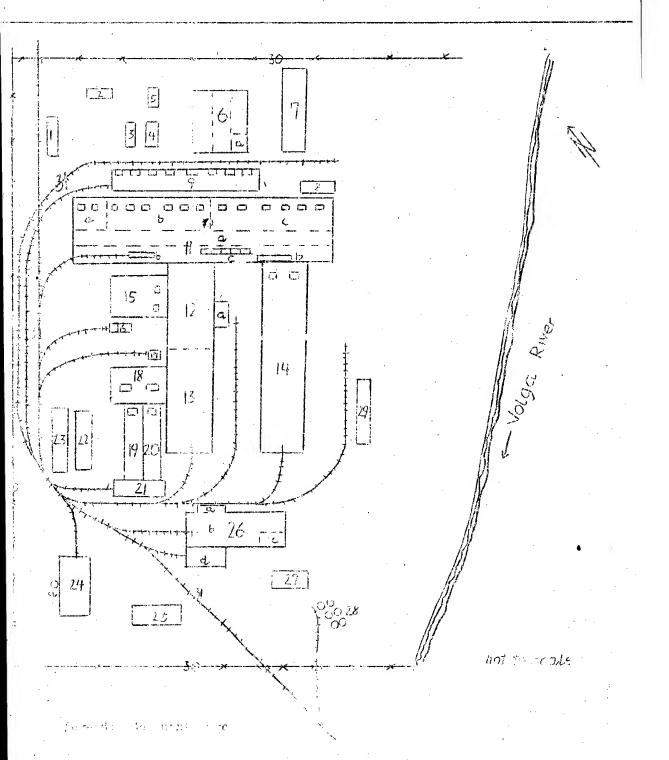


OFFIDERTAME

25X1

Attachment 2

Layout Sketch of the Red October Steelworks and Rolling Mill in Stalingrad



COLUMBIA TO

Leg	end:	attachment 2	25X1
1.	Jain addinastration building,		
2.	administration building	<i>)</i>	. ,
	Departments or the preparation of structural steel use struction of workshops in the Red October Plant, the Red Flant, and other plants.	ed for the con- ed Barricade	
5.	Garage for the 15 trucks owned by the lant.	•	
ć	Large workshop with three keys, com leted in rough bridget equipped. It was called the Martin IV Workshop Staleplavilnyy(steel smelting) Workshop	ckwork but not ond	25X1 25X1
6a.	/llogedly un cil-fired electric power station. the station was being tested	d in August 1949.	25X1
7-	Workshop, completed in rough brickwork. Det ils were no		
S.	'dministration building of the open-hearth copurtments.		
1	Corap depot, where large quantities of wartine scrap and tank parts, were stored, and pig iron depot. Scrap and a loaded here from railroad cars and conveyed to the small 7 or I crames, including three magnetic craises. The two northwestern part and the four furnaces in the southers steelworks were equipped with their own elevators for c iron and other materials were loaded in I are container on railroad cars to the scalting slap for weighing. An incleated 2 ters not reight when the charge for the furneent I was weighed and I ton whon the charge for Open-hearth bepartment II was reight. The containers by a conveyor belt to the opper ed o of the smalling furnaced into the furnaces	teh as juns and the iron were un- thing furnaces by turnaces in the tern part of the tharging, Sera, B, Which were moved illuminated scale maces of Open-herath the furnaces of	
l	Department equipped with two small open-hearth furnace high and with a capacity of h) tons, naces were called half-Ofen (a we furnaces) (sie/- Compon-hearth legartment II equipped with six open-heart to 12 memors high half with a cypacity of 60 tons. Copen-hearth Separtment 1, equipped with six open-heart ters high, with a capacity of 100 long coek. The least	th furnaces, each	25X1
	ters high, with a capacity of 100 one each. The sixt ones was almost completed in August 749.  n addition to from and scrap, the furn less were charged that salt (sie), limestone, and haundte. The furnaces we ised through in above-ground line from the tank depotes has lasted 15 hours.  The deily product on was 1,700 ucnaces were in operation.	on of these furna- l with red and are fired with oil The smolting pro-	
L. F	oundry  Foundry show where the steel was poured from ladles or into sand while. The shearth Repartment I was cast into injots, I meters 500 am, square. The steel from Open-hearth Department zero furnaces was cast into injots, I. 5 meters large and three small comes two here a mealing nursaces. The steel small comes	into from rolds, e steel from Open- s long and 100 or II and from the and 300 or 100 nm.	
c,			<b></b> ,

COMMENTAL:

25X1

25X1

.ttachment 2

- 2 -

ming mill, equipped with an electrically operated "Demag" rolling allation. The steel ingots were rolled into pieces 250 mm. square or  $\times$  400 mm., and were cut into lengths of 4 meters and 1.10 meters. Fransformer.

et mill, equipped with a steam operated rolling installation and en cranes. Round iron, 100 rm. in diameter, was manufactured and it to the rolling mill department for large sections (grosse Frofile) further processing.

ling mill for large sections, equipped with two annealing nurnaces, one lectrically operated rolling installation, and three large traveling crares. Triangular, square, and hexagonal sections were produced in thicknesses of 5., 60, 70, and 80 mm. Part of this production was sent to the wire rolling mill and to the rolling mill for small sections for further processing.

Plate rolling mill, equipped with 1 electrically operated rolling installation, 2 annealing furnaces, 1 pair of electrically operated plate snears, 1 traveling cranes, and 1 rail crane. Blooms supplied by the blooming mill were rolled into plates 6 to 15 mm. thick. After cutting, the plates measured 5 to 6 meters by 1.5 meters. Some of the plates were sent to the sheet rolling mill.

- 36. Administration building of the rolling mill.
- 17. Transformer station.

25X1

25X1

- 3. Sheet rolling mill, equipped with two enneeling furnaces, 1 rolling mill installation with six rollers (sic) 700mm, wide, 2 traveling cranes, 1 rail crane, 1 sheet cutting machine, and 1 hardening shop. Sheets of 2 to 5 mm, thick were produced.

  thick The finished sheets measured 5 x 3 meters.
- 19. Wire rolling mill, equipped with one annealing furnace and one wire rolling installation. The production of wire, 7 mm in diameter, was observed.
- 20. Rolling mill for small sections, equipped with one annealing furnace and one section rolling installation. The production of round iron, 5, 8, and 9 meters long and with diameters ranging from 12 to 50 mm, and of section iron, 5 and 6 meters long and in thicknesses ranging from 12 to 50 mm, was observed
- 21. Loading shop for section iron and round iron. There were two large traveling crames.

.2°_	Rechanical repair shop for the rolling mill installations.	0574
Г	there was a repair shop with a latheshop in the northeastern part of	25X1
	the hullding phore morting at the a latineshop in the northeastern part of	
	the building where repairs were made and spare parts for the machine instal-	
		25X1
	on worder supports in the next long and with a caliber of 200-mm to 210-mm resting	20/(1
	on moder queresting	
	on wooden supports in the southwestern part of the building.	

- 23. Torkshop, still under construction in late 1949.
- 2h. Specially guarded workshop. \_\_\_\_\_\_\_ chromium nickel steel. 25X1 sheets were produced in this building. The sheets produced in the sheet rolling as Smokestack.
- 25. Torkshop, still under construction in late 1949.
- 20. Department for calibrated steel (sic), called "kalibrovochnyy" by the Gussians. The workshop was being equipped in late 1949.

CONFIDERATIAL

25X1

Attachment

- 3 -

- a. Administration building.
- Ten to tuelve oil-fired annealing furnaces, set up in the large production shop.
- c. Unrdening shor, equipped with several acid baths.
- d. Loacing shop.
- 27. Repair shop for damaged machinery.
- 23. Six large oil traks, each about 5 meters in diameter and 6 meters high. They supplied fuel oil through pipe lines to the open-hearth furnaces and the annealing furnaces of the plant.
- 29. Boilerhouse, with three sheet metal smc statels. It supplied steam to the plant for besting and for power.
- 30. lence
- 31. Spur tracks

CONTINUTIAL